



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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**Report No. SAT-01723**

**Friday May 12, 2023**

## **Satellite Licensing Division and Satellite Programs and Policy Division Information** **Space Station Applications Accepted for Filing**

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

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**SAT-LOA-20230411-00079**    E S3168    Umbra Lab Inc  
Date Filed: 04/11/2023 13:12:09:90600  
Launch and Operating Authority

Umbra Labs, Inc. requests authority to construct, deploy, and operate six low-Earth orbit, non-geostationary satellites that would operate in the earth-exploration satellite service (EESS), conducting synthetic aperture radar (SAR) imaging. Umbra requests authority to operate in the following frequency bands: 9200-10400 MHz and 9300-9900 MHz for SAR imaging; 8025-8400 MHz (space-to-Earth) for the EESS downlink; 2025-2110 MHz (Earth-to-space) and 2200-2290 MHz (space-to-Earth) for space operations (tracking, telemetry, and command). Specifically, Umbra requests authority to operate two center frequencies for SAR imaging: 9800 MHz with a bandwidth of 1200 MHz and 9600 MHz with a bandwidth of 600 MHz; a center frequency of 8150 MHz and bandwidth of 250 MHz for its EESS downlink, a center frequency of 2080 MHz and bandwidth of 0.1 MHz for its space operations uplink, and a center frequency of 2254 MHz and bandwidth of 0.1 MHz for its space operations downlink. Umbra requests waiver of the U.S. Table of Frequency Allocations, section 2.106 of the Commission's rules, to permit Umbra to operate in the following bands for EESS (active): 9200-9300 MHz, 9900-10000 MHz, and 10000-10400 MHz, and to permit the proposed transmissions to non-U.S. ground stations and to federal ground stations in the 2200-2290 MHz (space-to-Earth) band. Umbra requests a limited waiver of section 25.114(c) of the Commission's rules, which requires certain information to be filed in the Schedule S. Umbra requests that its application be processed in accordance with the small satellite licensing procedures in section 25.122 of the Commission's rules.

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**SAT-MPL-20230417-00090**    E S2592    Intelsat License LLC  
Date Filed: 04/17/2023 15:40:48:73600  
Modification to PDR/PPL

Intelsat License LLC seeks modification of its U.S. market access grant for the Galaxy 23 fixed-satellite service space station to specify the 120.9° W.L. orbital location instead of the 121.0° W.L. orbital location. Intelsat filed its request pursuant to Section 25.117(h)(1) of the Commission's rules and included the certifications set forth under that section. Accordingly, the grant of U.S. market access for Galaxy 23 will be deemed modified to reflect operations at 120.9° W.L. no earlier than 35 days after the date of this public notice (May 12, 2023), without further action by the Commission, unless an objection is filed within the 30 day public notice period.

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**SAT-STA-20230428-00097**    E S2253    Intelsat License LLC  
Date Filed: 04/28/2023 13:34:47:33000  
Special Temporary Authority

Intelsat License LLC requests special temporary authority for an additional period of 180 days to continue to operate Galaxy 11's Ku-band beams over a new coverage area in the 10.95-11.2 GHz and 11.7-12.2 GHz (space-to-Earth), and 13.75-14.5 GHz (Earth-to-space) frequency bands. Galaxy 11 provides fixed-satellite service from the 93.1° W.L. orbital location.

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.